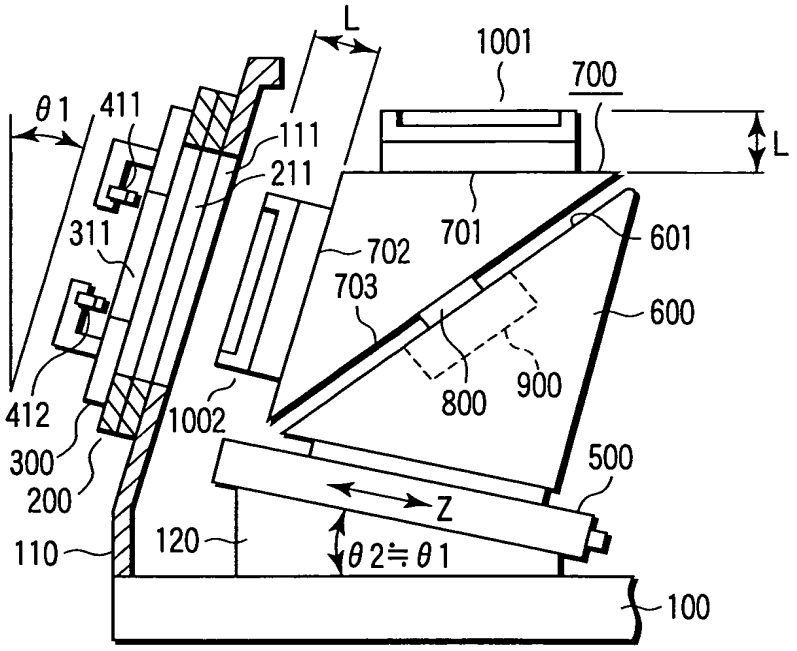
L
1001
700
θ1
411
111
211
L
311
701
601
702
703
600
800
900
412
1002
300
500
200
Z
110
120
θ2≒θ1
100

FIG. 1

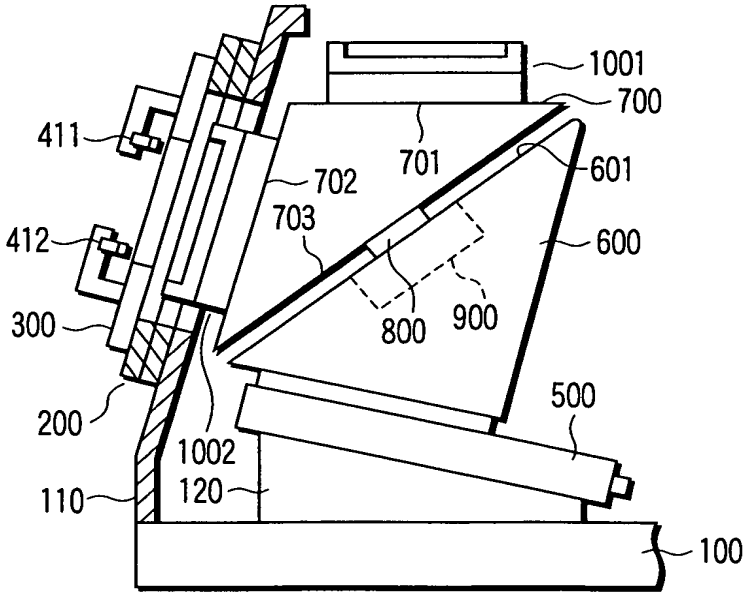
1001
700
411
701
601
702
703
412
600
800
900
300
500
200
1002
110
120
100

FIG. 2

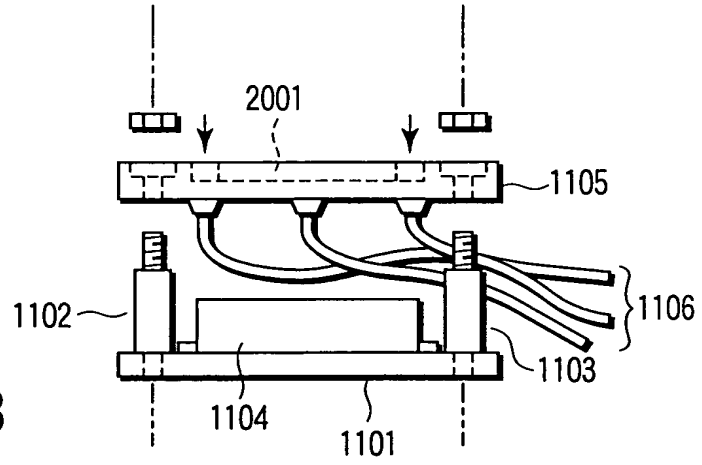
2001
1105
1102
1106
1103
1104
1101

FIG. 3

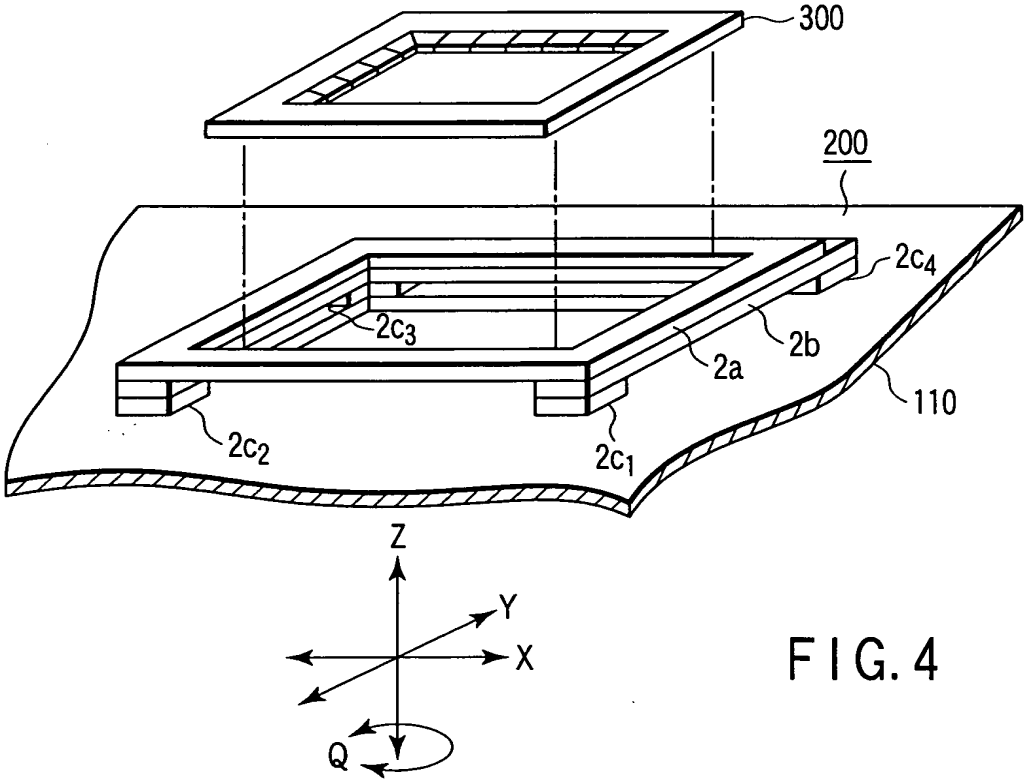
300
200
2c4
2c3
2b
2a
110
2c2
2c1
Z
Y
X
Q

FIG. 4

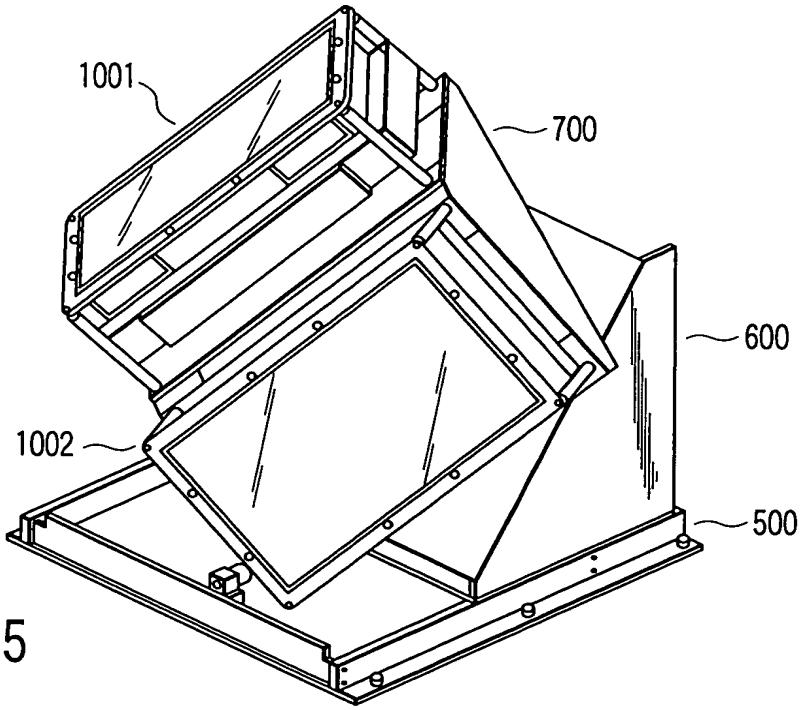


FIG. 5

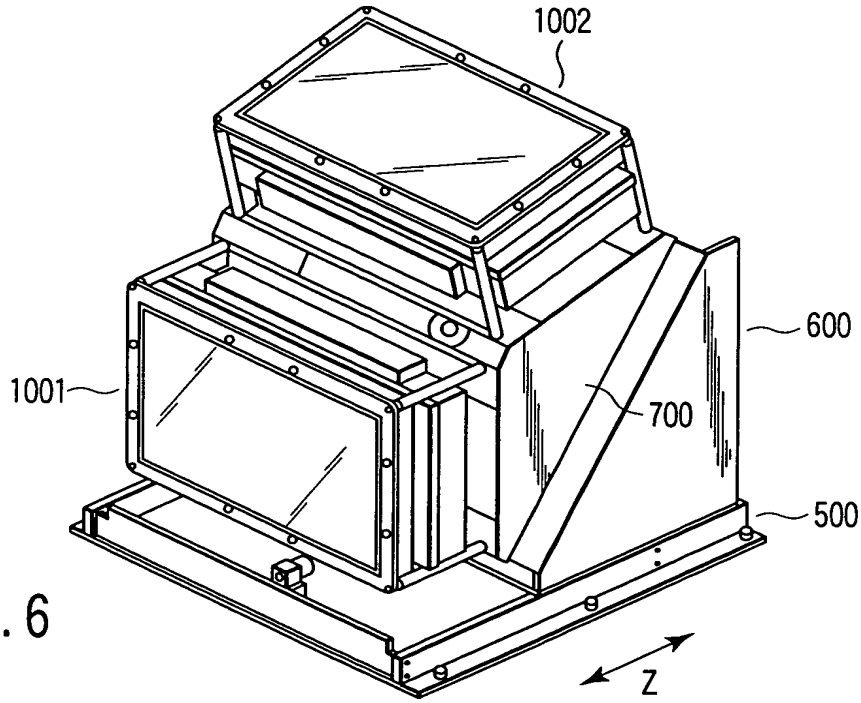


FIG. 6

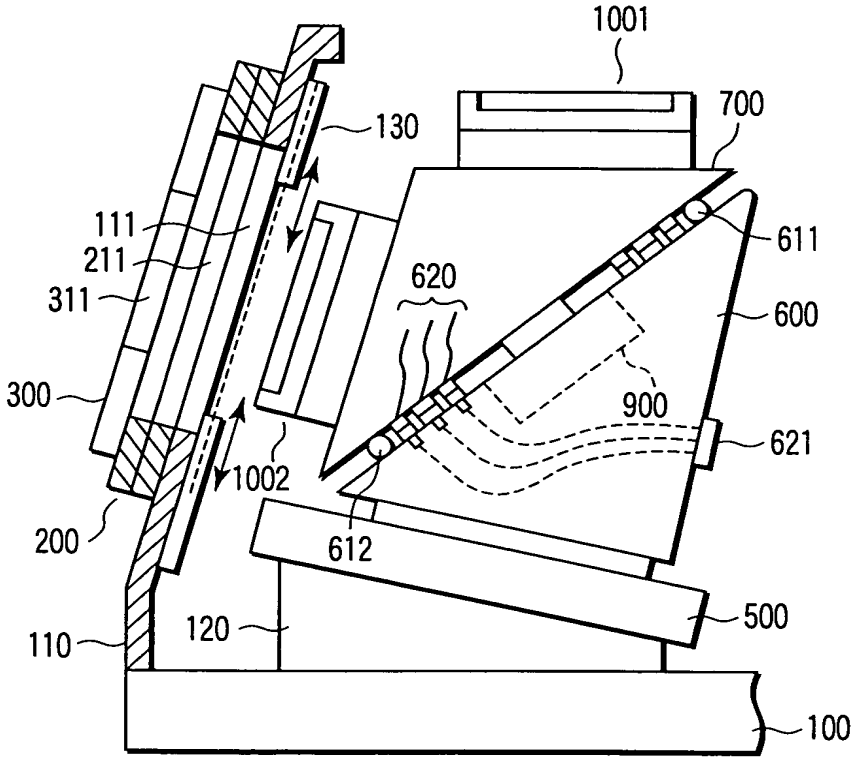
1001
700
130
111
211
311
620
611
600
300
900
621
1002
200
612
500
120
110
100

FIG. 7

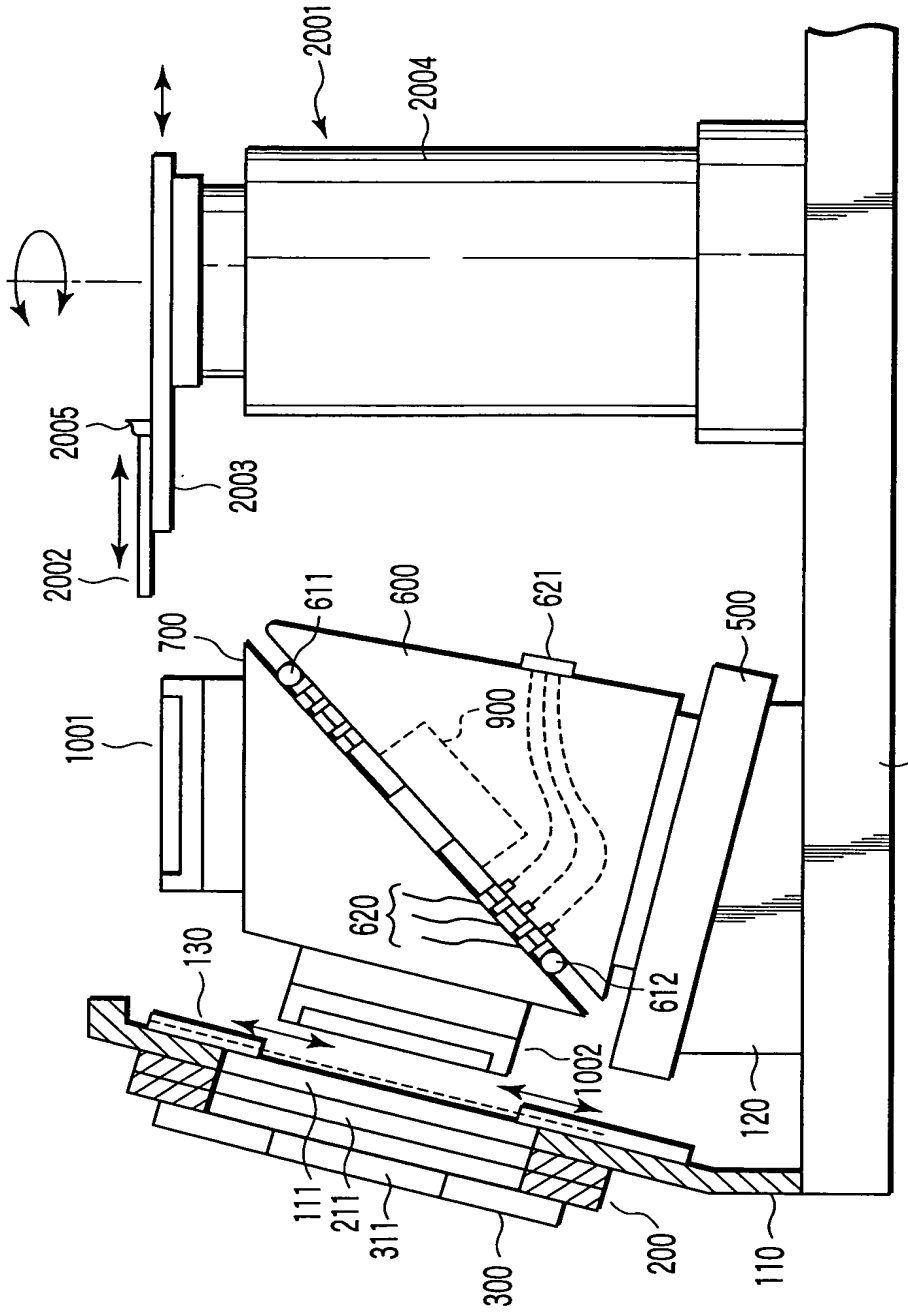
2001
2004
2005
2003
2002
700
611
600
621
500
1001
900
100
620
130
612
1002
120
111
211
311
300
200
110

FIG. 8

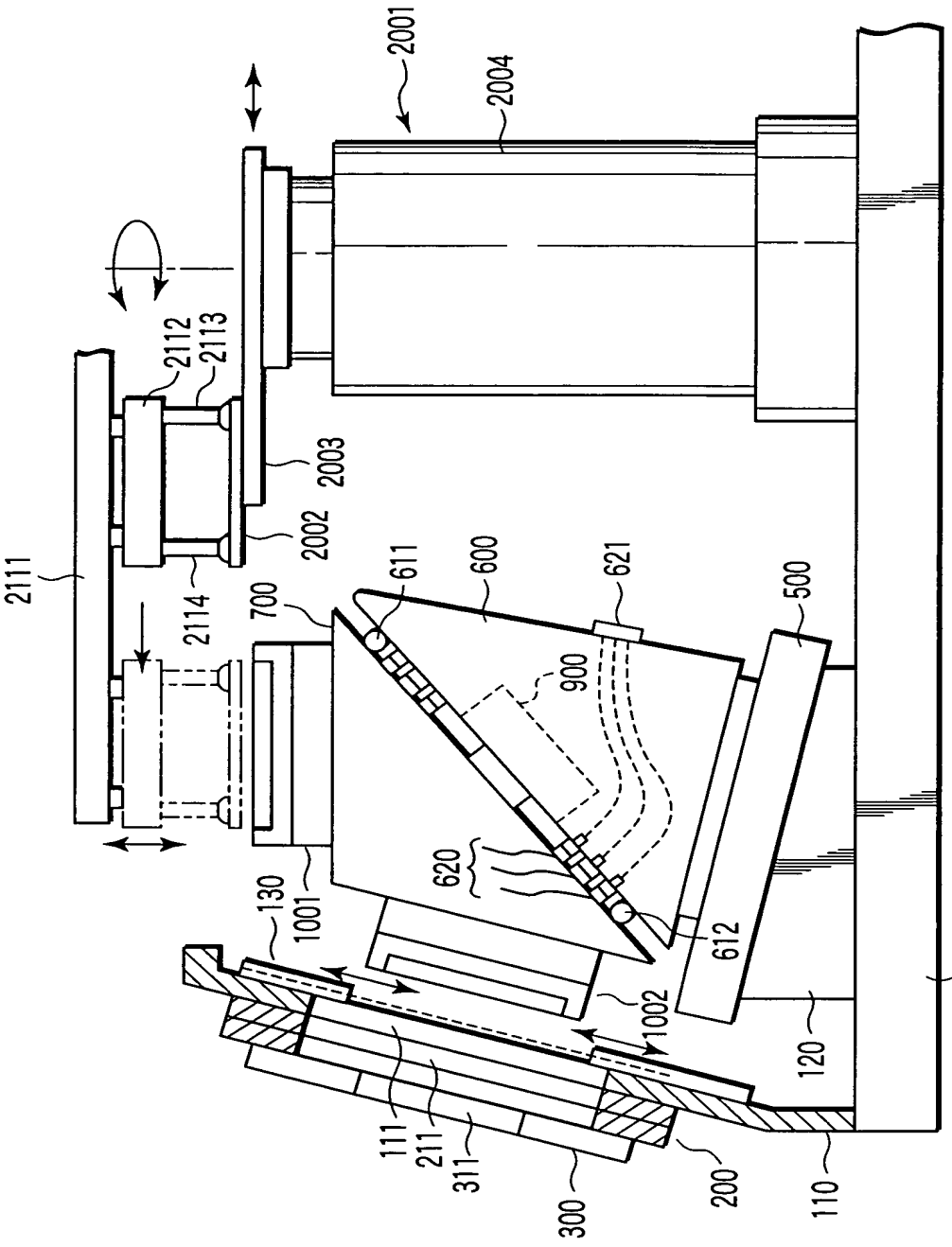
2001
2004
2112
2113
2003
2002
2111
2114
700
611
600
621
500
900
620
612
130
1001
1002
120
100
111
211
311
300
200
110

FIG. 9

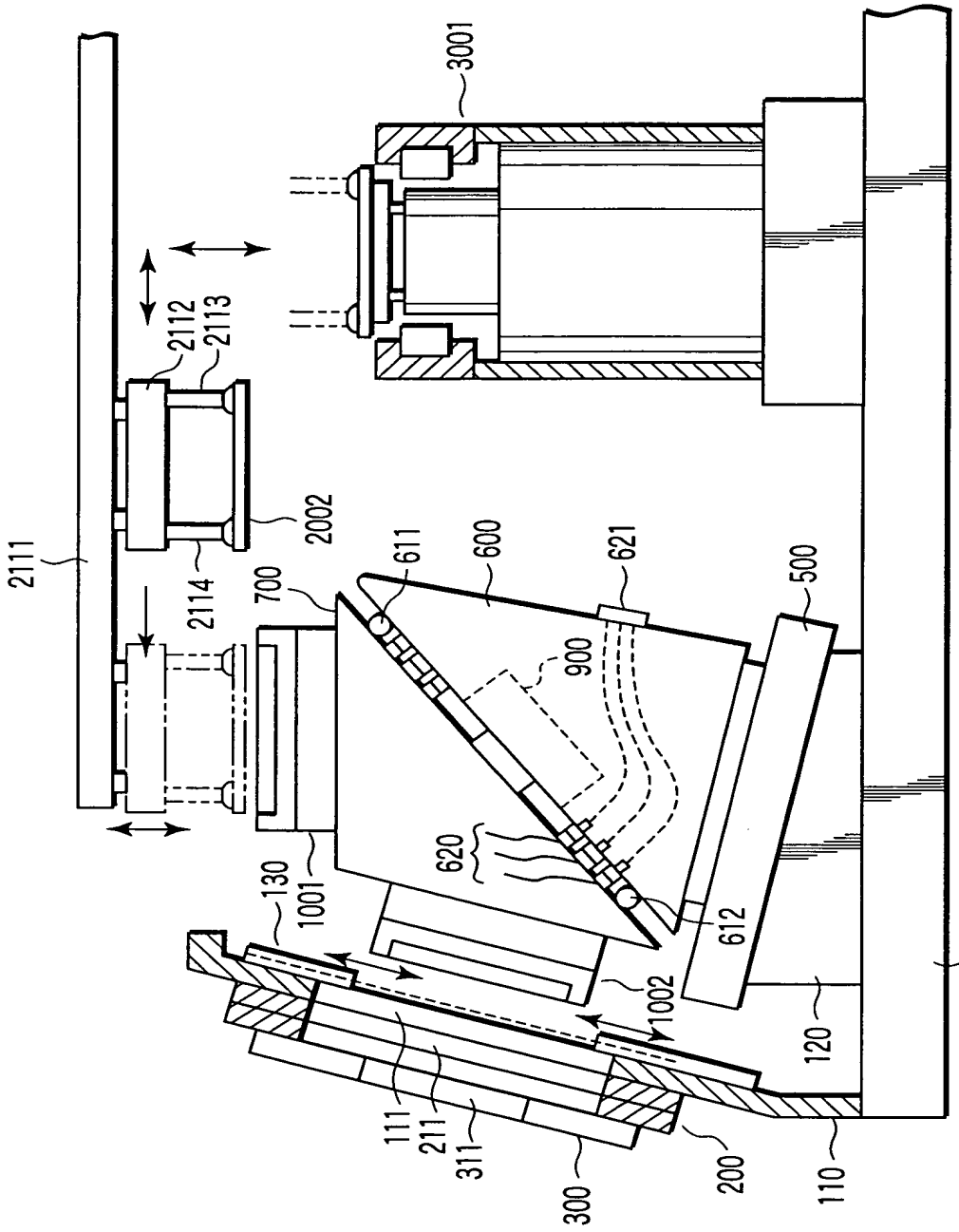
3001
2112
2113
2111
2002
2114
700
611
600
621
500
900
620
612
130
1001
1002
120
100
111
211
311
300
200
110

FIG. 10

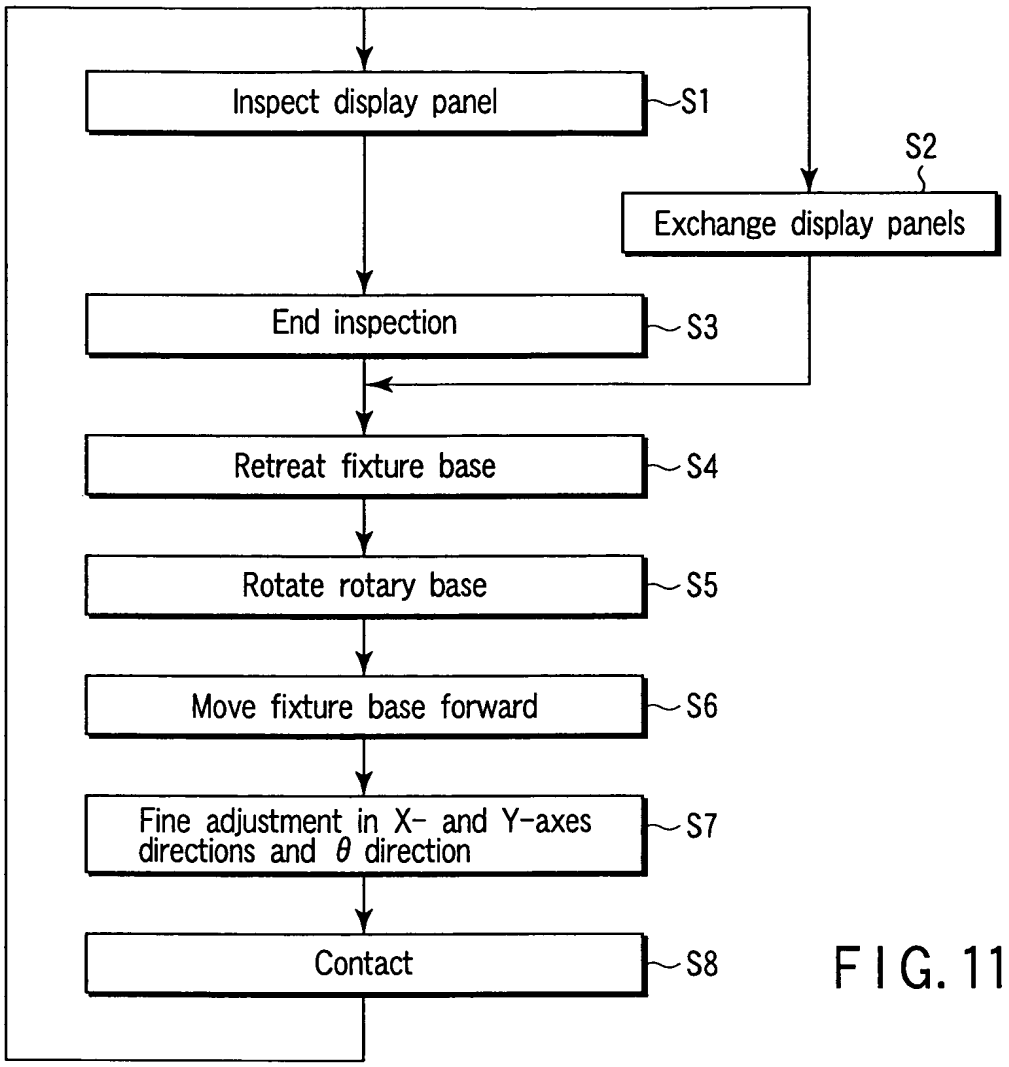
Inspect display panel
S1
S2
Exchange display panels
End inspection
S3
Retreat fixture base
S4
Rotate rotary base
S5
Move fixture base forward
S6
Fine adjustment in X- and Y-axes directions and θ direction
S7
Contact
S8

FIG. 11

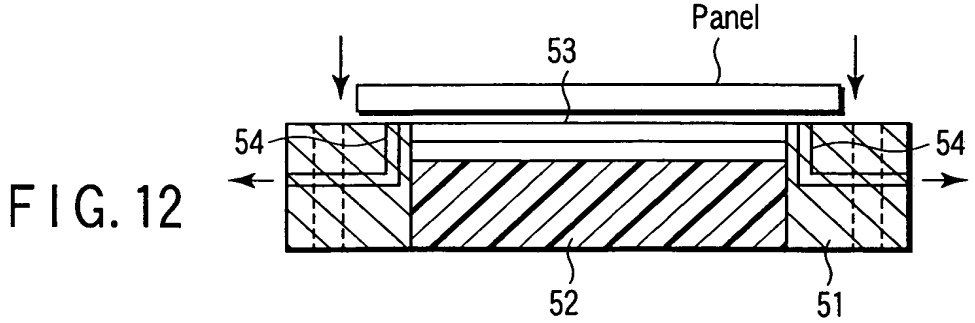
Panel
53
54
54
52
51

FIG. 12